

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A wiring substrate ~~characterized in,~~ comprising:  
a wiring layer formed on a substrate; and  
terminal electrodes that are ~~connected~~coupled to the wiring layer and disposed based on a stress distribution that works on the substrate.
2. (Currently Amended) A wiring substrate ~~characterized in,~~ comprising:  
a wiring layer formed on a substrate; and  
terminal electrodes that are ~~connected~~coupled to the wiring layer and disposed on the substrate in a manner to avoid diagonal lines thereof.
3. (Currently Amended) A wiring substrate ~~characterized in,~~ comprising:  
a wiring layer formed on a substrate;  
terminal electrodes that are ~~connected~~coupled to the wiring layer and disposed on the substrate; and  
stress insulation sections provided along diagonal lines of the substrate.
4. (Currently Amended) ~~A~~The wiring substrate according to claim 3, ~~characterized in that~~ the stress insulation sections ~~are~~being at least one of grooves and slits.
5. (Currently Amended) A wiring substrate ~~characterized in,~~ comprising:  
a wiring layer formed on a ~~substrate;~~substrate;  
terminal electrodes that are ~~connected~~coupled to the wiring layer and disposed on the substrate; and  
dummy terminals that are provided in four corners or on diagonal lines of the substrate.
6. (Currently Amended) A semiconductor device ~~characterized in,~~ comprising:  
a semiconductor chip having an active region and pad electrodes formed thereon;  
a stress buffer layer formed on the active region;  
bump electrodes that are formed on the stress buffer layer and disposed based on a stress distribution that works on the semiconductor chip;  
rearrangement wiring layers that ~~connect~~couple the bump electrodes and the pad electrodes; and

a protection layer that is formed over the rearrangement wiring layers and the pad electrodes.

7. (Currently Amended) A semiconductor device ~~characterized in~~, comprising:  
a semiconductor chip having an active region and pad electrodes formed thereon;

a stress buffer layer formed on the active region;

bump electrodes that are formed on the stress buffer layer and disposed in a manner to avoid diagonal lines thereof;

rearrangement wiring layers that ~~connect~~couple the bump electrodes and the pad electrodes; and

a protection layer that is formed over the rearrangement wiring layers and the pad electrodes.

8. (Currently Amended) A semiconductor device ~~characterized in~~, comprising:  
a semiconductor chip having an active region and pad electrodes formed thereon;

stress buffer layers that are formed on the active region, and divided and disposed along diagonal lines;

bump electrodes formed on the stress buffer layers;

rearrangement wiring layers that ~~connect~~couple the bump electrodes and the pad electrodes; and

protection layers that are formed over the rearrangement wiring layers and the pad electrodes, and divided and disposed along the diagonal lines.

9. (Currently Amended) A semiconductor device ~~characterized in~~, comprising:  
a semiconductor chip having an active region and pad electrodes formed thereon;

a stress buffer layer that is formed on the active region;

bump electrodes formed on the stress buffer layer;

dummy bumps provided in four corners or on diagonal lines of the stress buffer layer;

rearrangement wiring layers that ~~connect~~couple the bump electrodes and the pad electrodes; and

a protection layer that is formed over the rearrangement wiring layers and the pad electrodes.

10. (Currently Amended) A semiconductor module ~~characterized in~~, comprising:  
 an interposer substrate having a semiconductor chip surface-mounted thereon;  
 a wiring layer provided on a back surface of the interposer substrate;  
 bump electrodes that are ~~connected~~coupled to the wiring layer and disposed  
 based on a stress distribution that works on the interposer substrate; and  
 through hole wirings that are provided in the interposer substrate and  
~~connect~~couple the semiconductor chip and the wiring layer.

11. (Currently Amended) A semiconductor module ~~characterized in~~, comprising:  
 an interposer substrate having a semiconductor chip surface-mounted thereon;  
 a wiring layer provided on a back surface of the interposer substrate;  
 bump electrodes that are ~~connected~~coupled to the wiring layer and disposed on  
 the back surface of the interposer substrate in a manner to avoid diagonal lines; and  
 through hole wirings that are provided in the interposer substrate and  
~~connect~~couple the semiconductor chip and the wiring layer.

12. (Currently Amended) A semiconductor module ~~characterized in~~, comprising:  
 an interposer substrate having a semiconductor chip surface-mounted thereon;  
 a wiring layer provided on a back surface of the interposer substrate;  
 bump electrodes that are ~~connected~~coupled to the wiring layer and disposed on  
 the back surface of the interposer substrate in a manner to avoid diagonal lines;  
 at least one of grooves and slits provided along diagonal lines of the interposer  
 substrate; and  
 through hole wirings that are provided in the interposer substrate and  
~~connect~~couple the semiconductor chip and the wiring layer.

13. (Currently Amended) A semiconductor module ~~characterized in~~, comprising:  
 an interposer substrate having a semiconductor chip surface-mounted thereon;  
 a wiring layer provided on a back surface of the interposer substrate;  
 bump electrodes that are ~~connected~~coupled to the wiring layer and disposed on  
 the back surface of the interposer substrate;  
 dummy bumps provided in four corners or on diagonal lines of the back  
 surface of the interposer substrate; and  
 through hole wirings that are provided in the interposer substrate and  
~~connect~~couple the semiconductor chip and the wiring layer.

14. (Currently Amended) An electronic device ~~characterized in~~, comprising:

an interposer substrate having a semiconductor chip surface-mounted thereon;  
a wiring layer provided on a back surface of the interposer substrate;  
bump electrodes that are ~~connected~~coupled to the wiring layer and disposed on the back surface of the interposer substrate in a manner to avoid diagonal lines;  
through hole wirings that are provided in the interposer substrate and ~~connect~~couple the semiconductor chip and the wiring layer;  
a mother substrate having the interposer substrate mounted thereon; and  
an electronic component that is ~~connected~~coupled to the bump electrodes through the mother substrate.

15. (Currently Amended) A method for designing a wiring substrate, ~~characterized in that,~~wherein, based on a stress distribution that works on a wiring substrate, disposing positions of bump electrodes on the wiring substrate are determined.

16. (Currently Amended) ~~A~~The method for designing a wiring substrate according to claim 15, ~~characterized in that~~ the disposing positions of the bump electrodes on the wiring substrate ~~are~~being determined in a manner to avoid diagonal lines of the wiring substrate.

17. (Currently Amended) A method for manufacturing a semiconductor device, ~~characterized in~~ comprising:

~~a step of~~ forming a stress buffer layer on an active region of a semiconductor chip having pad electrodes formed thereon;

~~a step of~~ exposing the pad electrodes by patterning the stress buffer layer;

~~a step of~~ forming rearrangement wiring layers that extend from the pad electrodes over the stress buffer layer;

~~a step of~~ forming a protection layer over the rearrangement wiring layers;

~~a step of~~ forming opening sections that expose the rearrangement wiring layers in a manner to avoid diagonal line by patterning the protection layer; and

~~a step of~~ forming, on the stress buffer layer, bump electrodes that are ~~connected~~coupled to the rearrangement wiring layers through the opening sections.

18. (Currently Amended) A method for manufacturing a semiconductor device, ~~characterized in~~ comprising:

~~a step of~~ forming a stress buffer layer on an active region of a semiconductor chip having pad electrodes formed thereon;

~~a step of~~ dividing the stress buffer layer along diagonal lines and exposing the pad electrodes by patterning the stress buffer layer;

~~a step of~~ forming rearrangement wiring layers that extend from the pad electrodes over the stress buffer layer;

~~a step of~~ forming a protection layer over the rearrangement wiring layers;

~~a step of~~ forming opening sections that divide the protection layer along the diagonal lines and expose the rearrangement wiring layers by patterning the protection layer; and

~~a step of~~ forming, on the stress buffer layer, bump electrodes that are ~~connected~~coupled to the rearrangement wiring layers through the opening sections.

19. (Currently Amended) A method for manufacturing a semiconductor device, ~~characterized in comprising:~~

~~a step of~~ forming a stress buffer layer on an active region of a semiconductor chip having pad electrodes formed thereon;

~~a step of~~ exposing the pad electrodes by patterning the stress buffer layer;

~~a step of~~ forming rearrangement wiring layers that extend from the pad electrodes over the stress buffer layer, and dummy lands in four corners or on diagonal lines on the stress buffer layer;

~~a step of~~ forming a protection layer over the rearrangement wiring layers and the dummy lands;

~~a step of~~ forming, by patterning the protection layer, first opening sections that expose the rearrangement wiring layers and second opening sections that expose the dummy lands; and

~~a step of~~ forming, on the stress buffer layer, bump electrodes that are ~~connected~~coupled to the rearrangement wiring layers through the first opening sections, and forming dummy bumps disposed over the dummy lands through the second opening sections.

20. (Currently Amended) A method for manufacturing a semiconductor module, ~~characterized in comprising:~~

~~a step of~~ forming wiring layers ~~connected~~coupled via through holes on both sides of an interposer substrate;

~~a step of~~ forming bump electrodes ~~connected~~coupled to the wiring layer on a back surface of the interposer substrate in a manner to avoid diagonal lines; and

~~a step of~~ mounting a semiconductor chip on a front surface of the interposer substrate.

21. (Currently Amended) A method for manufacturing a semiconductor module, ~~characterized in comprising:~~

~~a step of~~ forming at least one of grooves and slits along diagonal lines of an interposer substrate;

~~a step of~~ forming wiring layers ~~connected~~coupled via through holes on both sides of the interposer substrate;

~~a step of~~ forming bump electrodes ~~connected~~coupled to the wiring layer on a back surface of the interposer substrate; and

~~a step of~~ mounting a semiconductor chip on a front surface of the interposer substrate.

22. (Currently Amended) A method for manufacturing a semiconductor module, ~~characterized in comprising:~~

~~a step of~~ forming wiring layers ~~connected~~coupled via through holes on both sides of the interposer substrate, and forming dummy lands in four corners or on diagonal lines of a back surface of the interposer substrate;

~~a step of~~ forming bump electrodes ~~connected~~coupled to the wiring layer on the back surface of the interposer substrate, and forming dummy bumps on the dummy lands; and

~~a step of~~ mounting a semiconductor chip on a front surface of the interposer substrate.

**Amendments to the Drawings:**

The attached replacement drawing sheets make changes to Figs. 12 and 13 and replace the original sheets with Figs. 12 and 13.

Attachment: Replacement Sheets